DETAILED ACTION

Remarks

1.   In response to communications filed on 30 July 2009, claim 1 is amended.

Claim 1 is pending in the application.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described
> as set forth in section 102 of this title, if the differences between the subject matter sought to
> be patented and the prior art are such that the subject matter as a whole would have been
> obvious at the time the invention was made to a person having ordinary skill in the art to which
> said subject matter pertains. Patentability shall not be negatived by the manner in which the
> invention was made.

3.   Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over

Berkman et al. (US Patent 6,970,945) in view of Condon et al. (US Patent

5,956,714).

As to claim 1, Berkman et al. teaches:

(a) providing one or more chosen functions in a database system, the one

or more functions provided by a messaging system that is external to the

database system (see 6:45-51. The customer database module publishes

messages to the MSMQ intelligent queue, which exists external to the database

system, as seen in Figure 1A), further comprising:

(a1) adding the one or more functions as user-defined functions in

the database system wherein the user-defined functions comprise

one or more functions to: place a message on a queue of the

messaging system (see 6:45-51), retrieve at least one message

from the queue, non-destructively retrieve all messages from the

queue, and read at least one message from the queue, the user-

defined functions specifying a service endpoint, a destination, and a

delivery policy (see 6:19-28 and 6:45-51), and

(a2) providing the one or more functions from a publish and

subscribe-based messaging system (see 6:33-36); and

(b) wherein the messaging system is a separate application from the

database system (see 6:45-51 and Figure 1A).

Berkman et al. does not each:

(b) utilizing one or more chosen functions from the database system

within structured query language statements to access the messaging system

from the database system

Condon teaches:

(b) utilizing one or more chosen functions from the database system within

structured query language statements to access the messaging system from the

database system (see 4:16-27. Functions from the application database on the

queue will be executed within SQL statements).

Therefore, it would have been obvious to one of ordinary skill in the art at

the time the invention was made to have modified Berkman et al. by the

teachings of Condon, because Condon et al. provides the benefit of a sleep

mode, which allows the messaging queue of <u>Berkman et al</u>. to conserve

resources when not needed (see 3:1-6).

Response to Arguments

4.   Applicant's arguments with respect to the claims have been considered

but are moot in view of the new ground(s) of rejection.

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Conclusion

5.   Any inquiry concerning this communication or earlier communications from

the examiner should be directed to CHARLES D. ADAMS whose telephone

number is (571)272-3938. The examiner can normally be reached on 8:30 AM -

5:00 PM, M - F.

        If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The

fax phone number for the organization where this application or proceeding is

assigned is 571-273-8300.

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the Patent Application Information Retrieval (PAIR) system. Status information

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Representative or access to the automated information system, call 800-786-

9199 (IN USA OR CANADA) or 571-272-1000.

/C. D. A./
Examiner, Art Unit 2164

/Charles Rones/
Supervisory Patent Examiner, Art Unit 2164